

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076773.D
 Acq On : 22 Feb 2023 16:05
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 00:44:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	232444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	437204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	373279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	134987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	162940	50.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.520%		
35) Dibromofluoromethane	8.172	113	122470	42.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.540%		
50) Toluene-d8	10.572	98	463608	43.358	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.720%		
62) 4-Bromofluorobenzene	12.854	95	129474	36.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	73.120%#		
Target Compounds						Qvalue
3) Chloromethane	2.378	50	898	0.279	ug/l #	54
4) Vinyl Chloride	2.543	62	773	0.244	ug/l #	63
5) Bromomethane	2.990	94	1088m	0.567	ug/l	
6) Chloroethane	3.125	64	473	0.236	ug/l #	44
7) Trichlorofluoromethane	3.513	101	879	0.204	ug/l #	52
11) Tert butyl alcohol	5.531	59	217	0.512	ug/l #	71
13) Acrolein	4.219	56	631m	0.992	ug/l	
15) Acrylonitrile	5.737	53	772	0.513	ug/l #	35
16) Acetone	4.466	43	1664	1.161	ug/l #	83
19) Methyl tert-butyl Ether	5.813	73	1656	0.205	ug/l #	52
20) Methylene Chloride	5.284	84	3519	1.171	ug/l #	65
23) Vinyl Acetate	6.613	43	4377	0.759	ug/l #	73
24) 1,1-Dichloroethane	6.572	63	1075m	0.201	ug/l	
25) 2-Butanone	7.507	43	2515	1.189	ug/l #	88
29) Tetrahydrofuran	7.854	42	1438	1.041	ug/l #	70
30) Chloroform	7.978	83	1205	0.226	ug/l #	69
31) Cyclohexane	8.225	56	7760	1.541	ug/l #	1
36) 1,1-Dichloropropene	8.389	75	996	0.241	ug/l #	55
37) Ethyl Acetate	7.566	43	1069	0.246	ug/l #	71
42) 1,2-Dichloroethane	8.684	62	1423	0.321	ug/l #	74
43) Isopropyl Acetate	8.689	43	1474	0.208	ug/l #	56
49) 1,4-Dioxane	9.695	88	115	1.978	ug/l #	20
51) 4-Methyl-2-Pentanone	10.442	43	3875	0.860	ug/l #	79
52) Toluene	10.636	92	1770	0.231	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.154	63	1567m	0.779	ug/l	
59) 2-Hexanone	11.201	43	2776	0.854	ug/l	84
64) Tetrachloroethene	11.095	164	563	0.239	ug/l #	21
68) m/p-Xylenes	12.072	106	1740	0.335	ug/l	78
76) 1,2,3-Trichloropropane	12.989	75	652m	0.239	ug/l	
77) Bromobenzene	12.989	156	670m	0.271	ug/l	
79) 2-Chlorotoluene	13.124	91	1463m	0.206	ug/l	
81) trans-1,4-Dichloro-2-b...	12.730	75	359m	0.383	ug/l	
82) 4-Chlorotoluene	13.124	91	1463m	0.206	ug/l	
87) 1,3-Dichlorobenzene	13.730	146	1048	0.225	ug/l	86
88) 1,4-Dichlorobenzene	13.807	146	1742m	0.375	ug/l	
91) 1,2-Dichlorobenzene	14.107	146	1004	0.210	ug/l #	72

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.401	180	620	0.260	ug/l #	85
95) Naphthalene	15.636	128	2030	0.280	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.836	180	571	0.247	ug/l #	61

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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